



## 業績目録(後藤武生)

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後 藤 武 生 教授 業績目録

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<研究活動に関する情報>

専門分野

物理学

研究課題

1. 半導体の励起子に関する研究
2. LEDに関する研究
3. 光電気化学に関する研究

所属学会

日本物理学会

学会活動

日本物理学会東北支部長 昭和58年～59年、平成3年～平成4年  
The Institute of Physics フェロー 平成11年～

会議の主催・運営

ナノ構造物質の光学特性国際会議組織委員長 平成6年  
半導体量子ナノ構造と光物性に関する国際シンポジウム共同議長 平成9年  
1999ルミネッセンスならびに凝縮系の光スペクトロスコピー国際会議  
組織委員会 総務部会 部会長 平成11年

その他

Thomson Reuters による調査で、過去30年間での論文引用数の多い  
研究者として、東北大学で7名(理学研究科で一名)中に入る  
平成23年

## 論文リスト

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#### a. 無機化合物半導体の励起子と不純物中心

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8. “Single Crystals of Cuprous Halides and Their Exciton Emissions”,  
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9. “Exciton Luminescence of CuCl, CuBr and CuI Single Crystals”,  
T. Goto, T. Takahashi and M. Ueta, J. Phys. Soc. Jpn. **24** (2), 314-327 (1968).
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## b. 半導体の高密度励起電子状態のダイナミックスと非線形光学効果

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#### d. 有機半導体の光励起電子系の物性

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